

NWS CHANGE FORM PART A			1. DATE SUBMITTED 12/15/99 (original) 2/11/00 (amended)	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE TDL		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Ken Sperow Routing Code: W/OSD25 Phone: (301) 713-0056x190
5. ORIGINATOR TRACKING NUMBER RC_APO19_Amend				NWS 535 2/16/00
6. SYSTEMS AFFECTED BY CHANGE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ </div> <div> <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) </div> </div>				
7. WSH TRACKING NUMBER				
8. TITLE OF CHANGE Update WWA program with modified 4.3 version to support training and testing, also make it available to ER sites.				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed) Site RLX (training / testing) ER sites (See Attachment A1A for details)	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) All ER sites need R4.3+ WWA version, which has been implemented based on ER request. This version allows sites to sort and display hazards shown on the interface based on many different criteria (local vs. adjacent, start time, expiration time, issuing office, etc.). The existing WWA works well when only a few hazards are displayed in the interface, but with all of ER using the tool in busy weather patterns there can be up to 50 hazards displayed on the interface causing problems for the forecaster to find the appropriate hazards. The changes allow the forecaster to focus on the hazards that are of interest to them at that moment.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Update only one executable (/awips/adapt/ifps/bin/wwa). Make the updated file available for download by ER sites.				
13. ALTERNATE SOLUTIONS Keep using current WWA (demonstrations during training will only show what is there in B4.2, not features from 4.3 and 5.0) ER sites would have to wait until next fall in order to use the capabilities that it has requested.				
14. REQUIRED CHANGE DATE 12/10/99 ASAP		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) 1. There is RLX training beginning 12/13/99. 2. To provide the requested features to ER as early as possible, since these features are now available. With all of ER spinning up on the use of WWA it is better to include features that will allow them to do their job and not get frustrated with the interface which could result in lower use of the AWIPS tool over time. Many of the improvements will benefit the forecaster most in winter weather situations.		
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL		<input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION <input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE		
		DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE		
		DATE SIGNED		

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER RC_APO19_Amend	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 535, 2/16/00	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with Release 4.3 and 5.0 development		KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT \$0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) 1. The NCF will push the change to RLX as directed by the SST 2. The SST will put the executables and install instructions on NOAA1 FTP server and notify the sites to download		KMOD _____ BASE	AMOUNT \$
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE ASAP		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2 to be installed prior to implementation	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) 1. Training / testing: SST will coordinate with RLX for the NCF to push the software change to this site. SST and the TDL Engineers will be available to the site for assistance. RLX is to implement change by 10 December 1999. 2. Other ER sites - N/A			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER RC_APO19_Amend			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 535, 2/16/99			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART	B. SERIAL NUMBER(S) OR			A.	B.	A.	B. REV
Documentation was provided for RC_APO19									

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER RC_APO19_Amend	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 535 2/16/00	
3. CCB COST EVALUATION <div style="display: flex; justify-content: space-between; margin-top: 10px;"> NWS COST FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ (SPECIFY)_____ TOTAL COST \$ </div>			
4. IMPLEMENTATION DOCUMENTS REQUIRED <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____ </div>			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Coordinate implementation schedule with RLX through SST	8 Dec 99	Thigpen, SST W/APO3	N/A
B. NCF Push the change to RLX as directed by SST	10 Dec 99	Thigpen, SST W/APO3	See item C
C. Report implementation completion using NCF/SST data at AWIPS CCB meetings	14 Jan 00	Davidson, W/OSO113	N/A
D. SST to put executables and install instructions on NOAA1 FTP server	ASAP	Thigpen, SST, W/APO3	N/A
E. SST to notify ER sites that the change is available to download	ASAP	Thigpen, SST, W/APO3	See item C
F. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS529) in Block 17a of the EMRS report.	6 Mar 00	Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411	N/A
G. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.	20 Mar 00	Michelle deTommaso W/OSO113	